## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	. 1	("6362515").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 14:32
S2	9	("6046465"   "6153010").PN. OR ("6362515").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 11:20
S3	114	("6046465"   "6153010").PN. OR2 and alon ("6362515").URPN.	US-PGPUB; USPAT; USOCR	OR ,	OFF	2007/03/13 11:20
S4	0	S2 and alon	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 11:20
S5	0	ALON vertical growth "al.sub.2o. sub.3nitride" semiconductor	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 11:21
S6	25	ALON vertical growth "al.sub.2o. sub.3" nitride semiconductor	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 11:23
S7	33	ALON vertical\$2 grow\$2 "al.sub.2o. sub.3" nitride semiconductor	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 11:25
S8	687	vertical\$2 grow\$2 nitride semiconductor	US-PGPUB; USPAT; USOCR	SAME	ON	2007/03/13 11:26
S9	344	S8 and sapphire same substrate	US-PGPUB; USPAT; USOCR	SAME	ON	2007/03/13 11:26
S10	1	S9 and alon	US-PGPUB; USPAT; USOCR	SAME	ON	2007/03/13 12:09
S11	11	("20030128733"   "20040099857"   "5045499"   "5068868"   "5711811"   "5739945"   "6121068"   "6324192"   "6555891"   "6577785"   "6713356").PN. OR ("6989312"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 11:29
S12	229	S9 and aln	US-PGPUB; USPAT; USOCR	SAME	ON .	2007/03/13 13:07
S13	59	"5741724"	US-PGPUB; USPAT; USOCR	SAME	ON	2007/03/13 12:12
S14	1	("5741724").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 12:12

## **EAST Search History**

	•	EAST Scare	•			
S15	58	("4769341"   "5448084"   "5530267").PN. OR ("5741724"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF <sub>.</sub>	2007/03/13 12:13
S16	23	S15 and sapphire	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 12:13
S17	, 1	("5741724").PN. OR ("6744076"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 12:18
S18	20	("5436466"   "5458085"   "5488233"   "5665986"   "5670798"   "5729029"   "5732098"   "5741724"   "5751021"   "5793061"   "5814838"   "5815520"   "5863811"   "5874320"   "5929466"   "5963787"   "6081001"   "6146916").PN. OR ("6274399"). URPN.	US-PGPUB; USPAT; USOCR	OR .	OFF	2007/03/13 12:43
S19	1	("6667498").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 13:09
S20	1	("4767494").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 13:09
S21	71	("3802967"   "3914137"   "4174422"   "4404265"   "4482906"   "4523211"   "4661176"   "4793872"   "4846926"   "4855249"   "4882300"   "4891091"   "4912087"   "4928154"   "4963949"   "4999842"   "5141894"   "5155658"   "5159413"   "5173474"   "5221367"   "5225031"   "5248564"   "5270298"   "5310707"   "5326721"   "5358925"   "5393352"   "5418216"   "5418389"   "5478653"   "5482003"   "5514484"   "5556463"   "5514484"   "5556463"   "55733641"   "5735949"   "5741724"   "5801105"   "5810923"   "5825055"   "5828080"   "5830270"   "5874860"   "5912068"   "6002375"   "6020222"   "6045626"   "6055179"   "6078717"   "6096584"   "6107653"   "6113690"   "6136666"   "6143072"   "6174755"   "6180486"   "6313486").PN. OR ("6583034").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 13:22

## **EAST Search History**

S22	27	S21 and sapphire	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 13:22
S23	18	("5122845"   "5218216"   "5571603"   "5741724"   "5909040"   "5936329"   "5990495").PN. OR ("6593016").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 13:26
S24	53	("20010008656"   "20010042503"   "20020020341"   "5192987"   "5239188"   "5290393"   "5296395"   "5389571"   "5393993"   "5442205"   "5523589"   "5633192"   "5679965"   "5739554"   "5741724"   "5760426"   "5786606"   "5815520"   "5821555"   "5838029"   "5838706"   "5874747"   "5880491"   "6039803"   "6045626"   "6051849"   "6060331"   "6064078"   "6069021"   "6100545"   "6120600"   "6121121"   "6139628"   "6146457"   "6177688"   "6201262"   "6255198"   "6261929"   "6261931"   "6265289"   "6329063"   "6380108"   "6403451"   "6426512"   "6440823").PN. OR ("6617060"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 13:35
S25	47	S24 and sapphire	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 13:41
S26	3441	buffer adj layer same sapphire	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 13:41
S27	241	S26 same ("al.sub.2o.sub.3" or alumina)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/13 13:41
S28	65	(aluminum same oxide same oxynitride same buffer)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/03/13 13:56
S29	11	S28 and sapphire	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/03/13 13:56
<b>S30</b>	15	((alon) or (alumina) or (aluminum adj1 oxynitride)) and GAN	ЈРО	OR	OFF .	2007/03/13 14:33